| Ref<br>#   | Hits | Search Query                       | DBs  | Def <b>a</b> ult<br>Operator | Plurals | Time Stamp       |
|------------|------|------------------------------------|--|------------------------------|---------|------------------|
| S1         | 2    | ((HANSPETER) near2 (METTLER)).INV. | USPAT;<br>USOCR  | ADJ                          | ON      | 2008/12/29 09:15 |
| S2         | 14   | ((HANSPETER) near2 (METTLER)).INV. | EPO; JPO;<br>DERWENT   | ADJ                          | ON      | 2008/12/29 09:19 |
| \$3        | 2262 | asymmetric hydrogenation           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ                          | ON      | 2008/12/29 10:45 |
| S4         | 1401 | S3 and esters                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ                          | ON      | 2008/12/29 10:45 |
| <b>S</b> 5 | 388  | S4 and halogenated                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ                          | ON      | 2008/12/29 10:46 |
| S6         | 269  | S5 and ruthenium                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ                          | ON      | 2008/12/29 10:46 |
| S7         | 2283 | optically active alcohols          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ                          | ON      | 2008/12/29 11:06 |
| S8         | 0    | S7 and halogenated ester           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ                          | ON      | 2008/12/29 11:06 |
| S9         | 1534 | S7 and ester                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ                          | ON      | 2008/12/29 11:06 |

| S10 | 303 | S9 and halogenated                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2008/12/29 11:06 |
|-----|-----|------------------------------------|--|-----|----|------------------|
| S11 | 303 | S9 and halogenated                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2008/12/29 11:07 |
| S12 | 451 | S3 and halogenated                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2008/12/29 11:08 |
| S13 | 423 | S12 and (alcohol or hydroxy)       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2008/12/29 11:09 |
| S14 | 141 | enantiomerically pure alcohol      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2008/12/29 11:12 |
| S15 | 134 | S14 and (synthesis or process)     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2008/12/29 11:12 |
| S16 | 0   | optically active hydroxybutyrates  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2008/12/29 11:14 |
| S17 | 0   | optically active ?hydroxybutyrate? | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2008/12/29 11:14 |

| S18 | 0    | chiral ?hydroxybutyrate?   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2008/12/29 11:14 |
|-----|------|----------------------------|--|-----|----|------------------|
| S19 | 0    | chiral" 3-hydroxybutyrate" | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2008/12/29 11:15 |
| S20 | 1845 | "3-hydroxybutyrate"        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2008/12/29 11:15 |
| S21 | 113  | S20 and halogen?           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2008/12/29 11:15 |
| S22 | 205  | S20 and halo               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2008/12/29 11:17 |
| S23 | 0    | ("2007/0078279").URPN.     | USPAT  | ADJ | ON | 2008/12/29 11:25 |
| S24 | 0    | ("2007/0078279").URPN.     | USPAT  | ADJ | ON | 2008/12/29 11:26 |
| S25 | 0    | ("2007/0078279").URPN.     | USPAT  | ADJ | ON | 2008/12/29 11:26 |
| S26 | 0    | ("2007/0078279").URPN.     | USPAT  | ADJ | ON | 2008/12/29 11:27 |
| S27 | 0    | ("2007/0078279").URPN.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO             | ADJ | ON | 2008/12/29 11:29 |
| S28 | 0    | Kenichi Tada               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO             | ADJ | ON | 2008/12/29 11:29 |
| S29 | 0    | Keni Tada                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO             | ADJ | ON | 2008/12/29 11:30 |

| \$30       | 21294 | Tada                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO    | ADJ | ON | 2008/12/29 11:30 |
|------------|-------|---|---|-----|----|------------------|
| S31        | 346   | S30 and kenichi                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO    | ADJ | ON | 2008/12/29 11:30 |
| S32        | 3     | S31 and optically active alcohol        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO    | ADJ | ON | 2008/12/29 11:31 |
| S33        | 3     | ("4933482"   "5118836"   "5716841").PN. | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2008/12/29 11:31 |
| S34        | 7     | takao saito                             | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2008/12/29 11:34 |
| S35        | 58081 | saito                                   | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2008/12/29 11:35 |
| S36        | 145   | saito, takao                            | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2008/12/29 11:35 |
| S37        | 7     | S36 and optically active alcohol        | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2008/12/29 11:36 |
| \$38       | 7     | S36 and optically active alcohol        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2008/12/29 11:36 |
| <b>S39</b> | 7     | S36 and optically active alcohol        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2008/12/29 11:36 |
| S40        | 2     | ("4933482"   "5872273").PN.             | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2008/12/29 11:37 |
| S41        | 2     | ("4933482"   "5872273").PN.             | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2008/12/29 11:42 |
| S42        | 0     | ("6717016").URPN.                       | USPAT   | ADJ | ON | 2008/12/29 11:44 |

|     |     |   | <u> </u>  |     |    |                  |
|-----|-----|---|---|-----|----|------------------|
| S43 | 265 | noyori, ryoji   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2008/12/29 11:46 |
| S44 | 0   | S43 and halo? ester?  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2008/12/29 11:48 |
| S45 | 0   | S43 and halo? ester   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2008/12/29 11:48 |
| S46 | 0   | S43 and halo ester  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2008/12/29 11:48 |
| S47 | 66  | S43 and ester   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2008/12/29 11:48 |
| S48 | 11  | ("3135788"   "3151149"   "3462485"  <br>"3969406"   "4018821"   "4021480"  <br>"4413142"   "4664852").PN. | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2008/12/29 11:58 |
| S49 | 3   | duprat de paule, sebastien  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2008/12/29 12:04 |
| S50 | 3   | ("5872273"   "6043380"   "6333291").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | ADJ | ON | 2008/12/29 12:05 |